

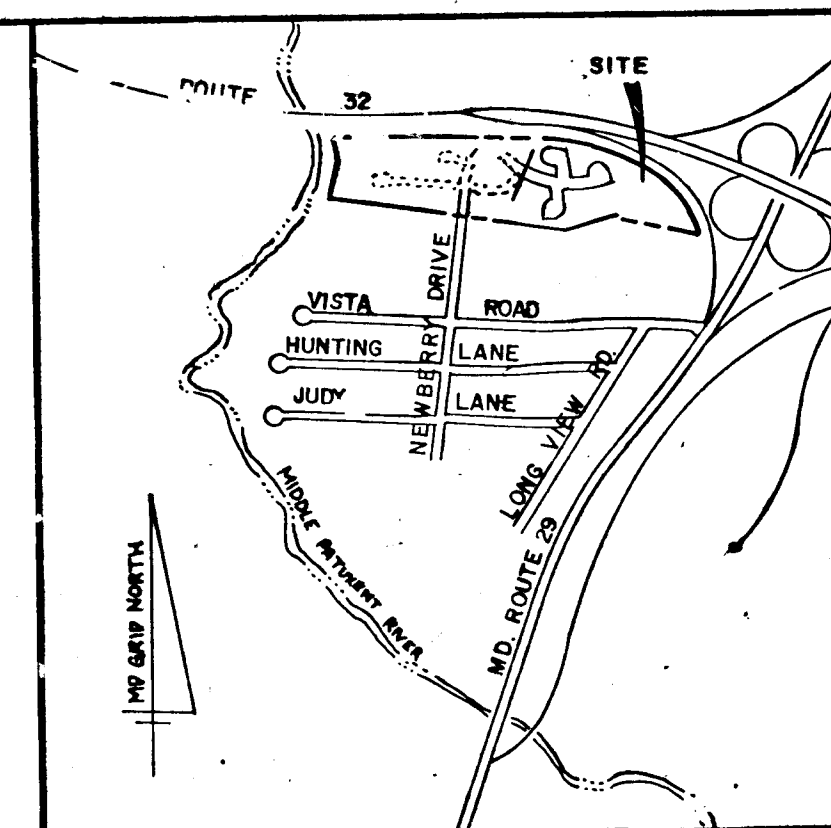
# VILLAGE OF HICKORY RIDGE

## SECTION 6 AREA 2

### 5TH ELECTION DISTRICT

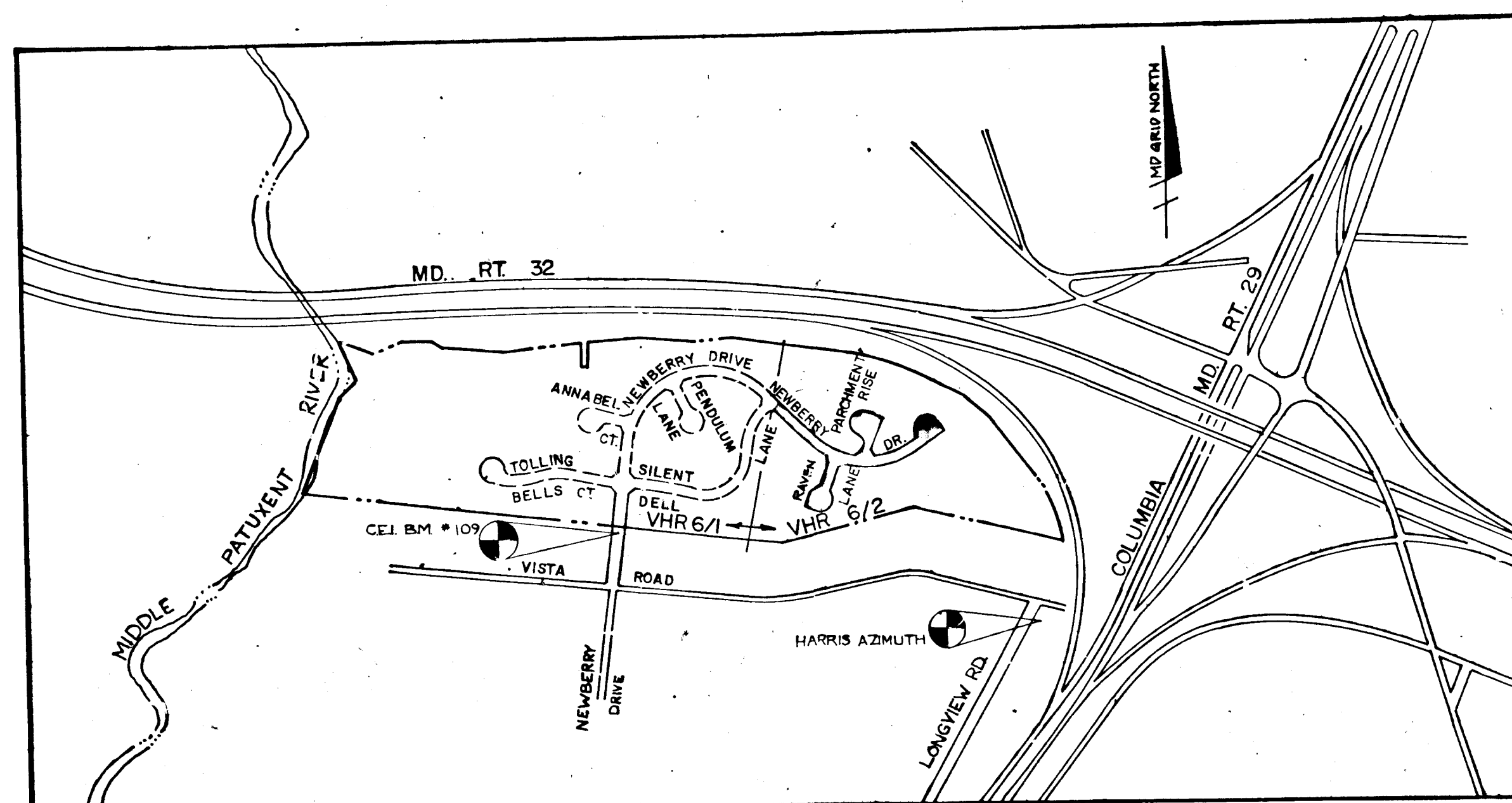
### HOWARD COUNTY, MD.

#### PHASE 2



VICINITY MAP  
SCALE 1" = 2000'

- GENERAL NOTES**
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS, SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
  - ALL UTILITIES SHALL BE NOTIFIED 24 HOURS IN ADVANCE OF CONSTRUCTION. CALL 1-800-257-7777 TO NOTIFY MISS UTILITY.
  - ALL INLETS SHALL BE HOWARD COUNTY STANDARDS UNLESS OTHERWISE SHOWN.
  - STORM DRAIN TRENCHES WITHIN ROAD RIGHTS OF WAY SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH HOWARD COUNTY ROAD CODE.
  - APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND TO MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATIONS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
  - THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES WHERE DIRECTED BY THE ENGINEER A MINIMUM OF TWO WEEKS IN ADVANCE OF ANY CONSTRUCTION.
  - TEMPORARY COMPACTED 18" HIGH EARTH FILL DIVERSION DIKES SHALL BE CONSTRUCTED ABOVE THE LIPS OF FILL SLOPES ON THE R.O.W. CONCURRENTLY WITH THE INITIAL GRADING AND DIRECTED TO UNDISTURBED SO2 AREAS AT THE END OF EACH DAY.
  - CONTRACTOR TO NOTIFY THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS AND PERMITS AT LEAST 3 DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS. TELEPHONE NO. 992-2436.
  - ALL DISTURBED SLOPE AREAS TO BE STABILIZED AS SOON AS GRADING IS COMPLETED.
  - ALL REINFORCED CONCRETE FOR STORM DRAIN STRUCTURES SHALL HAVE A MINIMUM 28 DAY STRENGTH OF 3500 p.s.i.
  - ALL SWALES AND SLOPES SHALL BE PERMANENTLY SEEDED. SEE THE SEED SPECIFICATIONS ON SHEET 7 OF 8.
  - INSTALLATION OF TRAFFIC CONTROL DEVICES, MARKING AND SIGNING SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES 1978 OR LATEST REVISION.
  - STABIENKA (FILTER C107; T-100) OR EQUAL SHALL BE PLACED UNDER ALL STONE RIPRAP (FULL WIDTH AND LENGTH OF STONE).
  - STONE FOR RIPRAP SHALL BE AS SPECIFIED ON THE DRAWINGS.
  - CONTRACTOR TO NOTIFY "MISS UTILITY" PHONE (1)-800-257-7777 AT LEAST THREE (3) DAYS BEFORE STARTING WORK SHOWN ON THIS/ THESE DRAWING(S).
  - DESIGNED TRAFFIC SPEED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL VOLUME III STANDARDS. DESIGN SPEED FOR ALL ROADS AS SHOWN ON SHEET NO. 2 OF 8
  - ALL ELEVATIONS SHOWN ARE BASED ON U.S.C. AND G.S. MEAN SEA LEVEL DATUM 1929.
  - ALL COORDINATES BASED ON MARYLAND STATE GRID SYSTEM.
  - PIPE SHALL NOT BE INSTALLED BY THE CONTRACTOR UNTIL THE LENGTH CALLED FOR AT EACH STATION HAS BEEN APPROVED BY THE ENGINEER IN THE FIELD.
  - CONTRACTOR TO RESTORE ALL EXISTING PAVING, SIDEWALKS OR LAWNS AFFECTED BY THE CONSTRUCTION SHOWN HEREON TO A CONDITION COMPARABLE TO THAT EXISTING PRIOR TO CONSTRUCTION.
  - ALL STORM DRAIN BEDDING TO BE CLASS 'C' EXCEPT WHERE OTHERWISE NOTED.
  - TOP OF INLET ELEVATIONS SHOWN ARE GIVEN AT THE TOP OF CURB AT THE CENTER OF THE INLET.
  - THE LOCATION, TYPE AND NUMBER OF TREES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIRED AND ARE USED FOR BOND PURPOSES ONLY. THE FINAL LOCATION AND VARIETY OF TREES MAY VARY TO ACCOMMODATE FIELD CONDITIONS AND BUILDERS' LANDSCAPE PROGRAM. BOND RELEASE IS CONTINGENT UPON SECTION 16.131 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, AS APPROVED BY THE OFFICE OF PLANNING AND ZONING.



SCALE 1" = 600'

NO.	INDEX OF SHEETS
1	TITLE SHEET
2	DETAIL SHEET
3	ROAD PLAN & PROFILE: NEWBERRY DRIVE STA. 17+10 TO 26+00.51
4	ROAD PLAN & PROFILE: RAVEN LANE AND PARCHMENT RISE
5	GRADING & SEDIMENT CONTROL PLAN
6	DRAINAGE AREA MAP
7	STORM DRAIN PROFILES
8	SEDIMENT CONTROL DETAILS

**BENCH MARKS**

CEI BENCHMARK #109 ELEV. 341.64  
TOP OF P.K. NAIL NORTHEAST 270'± FROM INTERSECTION OF VISTA RD. AND NEWBERRY DR. 16' FROM NORTHWEST CURB.

HOWARD CO. BENCHMARK #2340007 ELEV. 399.66  
HARRIS AZIMUTH (MONUMENT SET IN CONCRETE) AT SOUTHEAST CORNER OF VISTA RD. AND LONGVIEW RD. 50' FROM CURB OF VISTA RD. 15' FROM CURB OF LONGVIEW RD.

APPROVED: DEPARTMENT OF PUBLIC WORKS

9-22-88  
CHIEF-BUREAU OF ENGINEERING DATE 12-2-88

Demetrius W. Williams 12/1/88  
CHIEF-BUREAU OF HIGHWAYS DATE

Paul W. Johnson 11/29/88  
CHIEF-LAND DEVELOPMENT DIVISION DATE

APPROVED: OFFICE OF PLANNING AND ZONING

Frank J. Dwyer 12-20-88  
CHIEF-DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

Date	No	Revision Description

DATE: JULY 1001  
NOTE: GUTSACK, LITTLE & WEBER IS RESPONSIBLE FOR AS-BUILT INFORMATION ONLY.

THE HOWARD RESEARCH AND DEVELOPMENT L.A.'D COMPANY

THE ROUSE BUILDING  
10275 LITTLE PATUXENT PARKWAY  
COLUMBIA, MARYLAND 21044

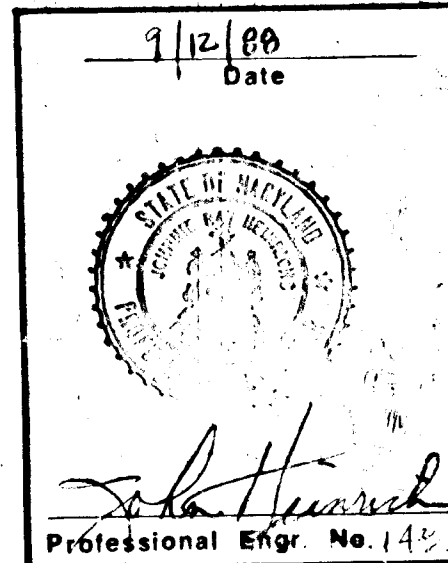
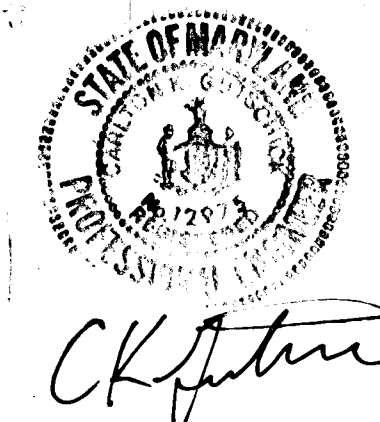
**CENTURY ENGINEERING, INC.**  
CONSULTING ENGINEERS • PLANNERS

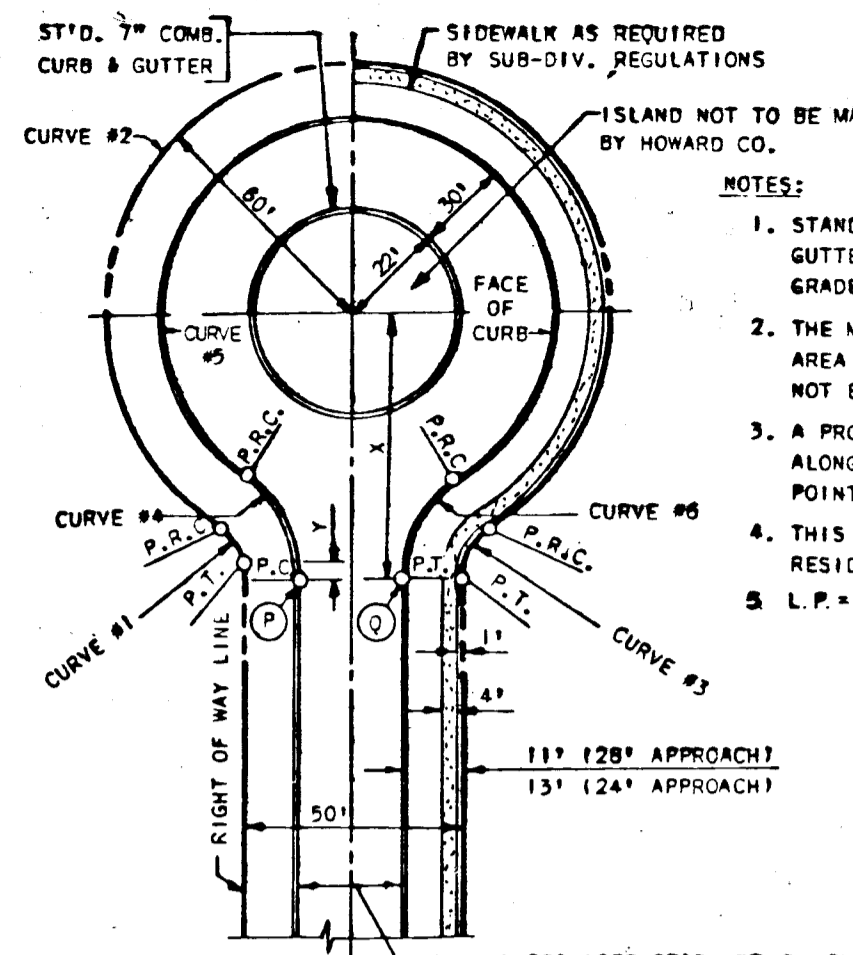
32 WEST ROAD  
TOWSON, MARYLAND 21284

AREA: VILLAGE OF HICKORY RIDGE  
SECTION 6 AREA 2  
TAX MAP 41 PARC 45  
5th ELECTION DISTRICT OF HO. CO., MD.

**TITLE SHEET**

Des By	GBZ	Scale	AS SHOWN	Proj. No.	37-7034
Drn By	ETJ	Date	09-12-88	Drawing No.	1 OF 8
Chk By	JRH	Approved			

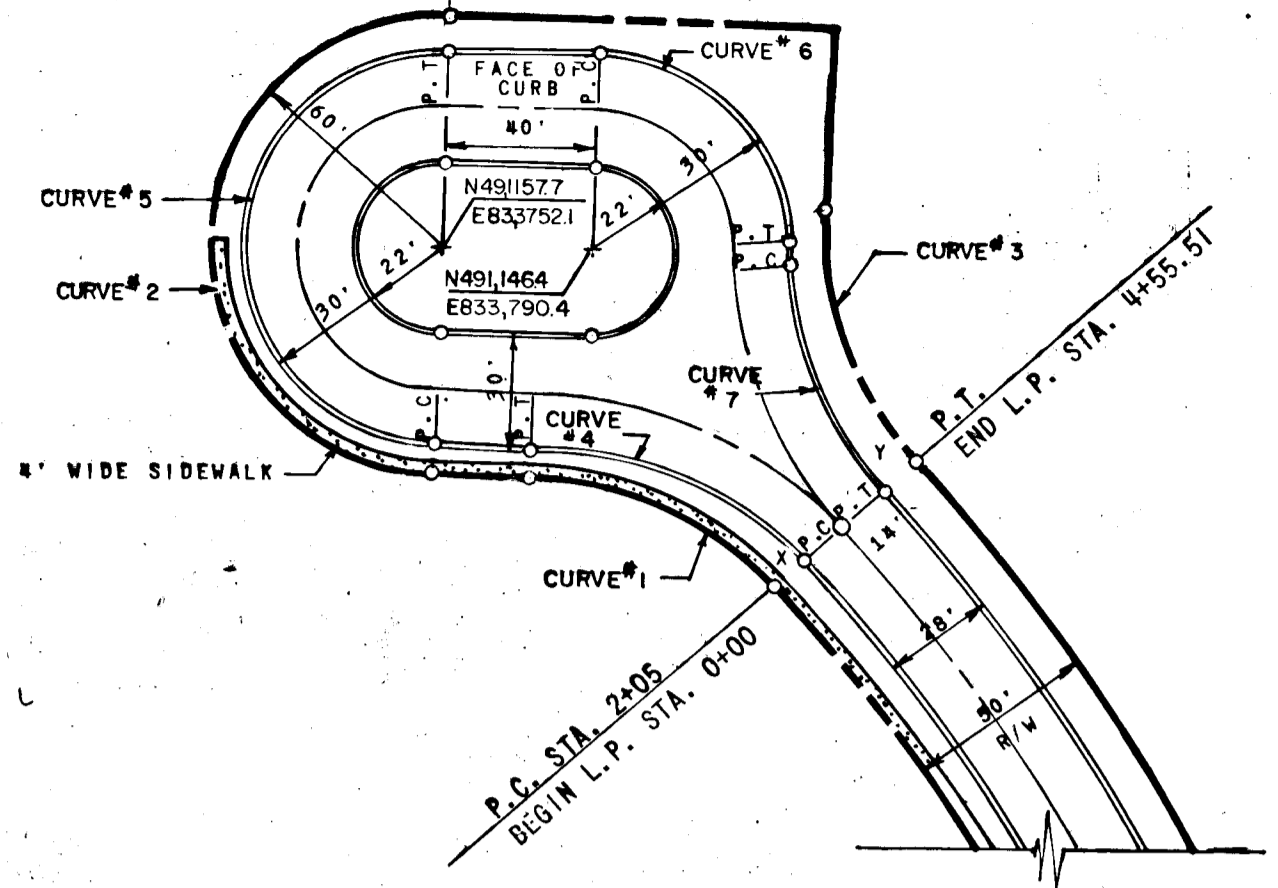




- NOTES:
1. STANDARD CONC. CURB & GUTTER SHALL BE USED ON DOWN GRADE CUL-DE-SAC.
  2. THE MAXIMUM GRADE OF THE CIRCULAR AREA IN ANY DIRECTION SHALL NOT EXCEED 6%.
  3. A PROFILE SHALL BE PROVIDED ALONG THE TOP OF CURB FROM POINT P TO POINT Q.
  4. THIS CUL-DE-SAC TO BE USED IN RESIDENTIAL AREAS ONLY.
  5. L.P. = LINEAR PROFILE OF CURB

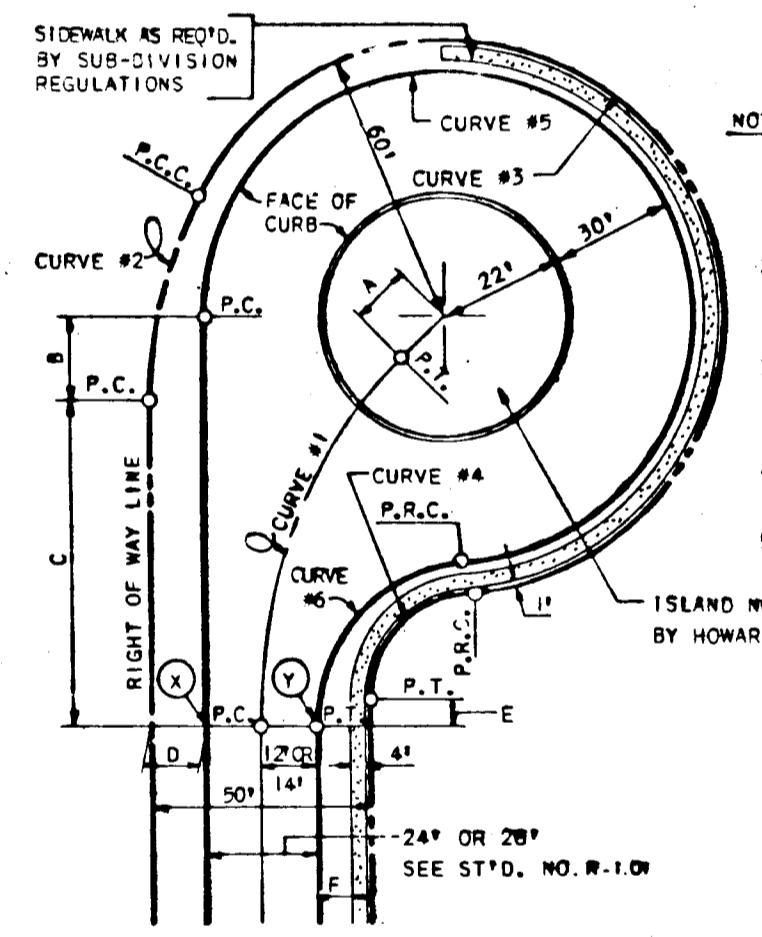
CURVE DATA	
CURVE NO.	
1	2
28' APPROACH: X=74.48 Y=5.75 L.P.=336.97	
Δ	53°58'02"
R	25.00'
L	23.55'
T	12.23'
L.C.	22.69'

CUL DE SAC FOR 28 FT. PAVEMENT WIDTH  
NO SCALE



CURVE DATA	
CURVE NO.	
1	2
28' APPROACH L.P. = 455.51	
Δ	45°23'57"
R	90.00'
L	75.31'
T	37.65'
L.C.	69.46'

PARCHMENT RISE CUL DE SAC  
NO SCALE

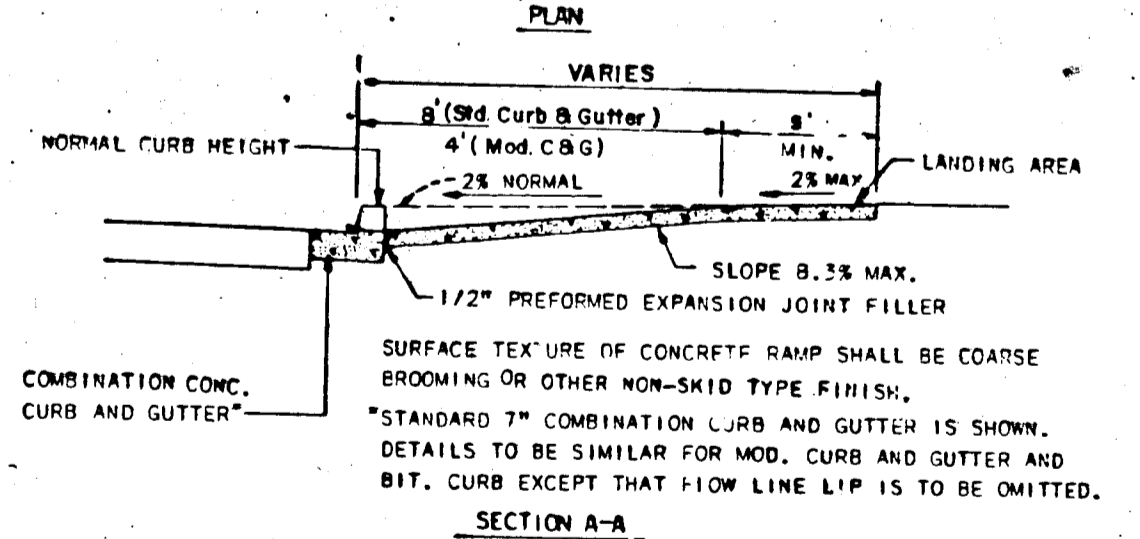
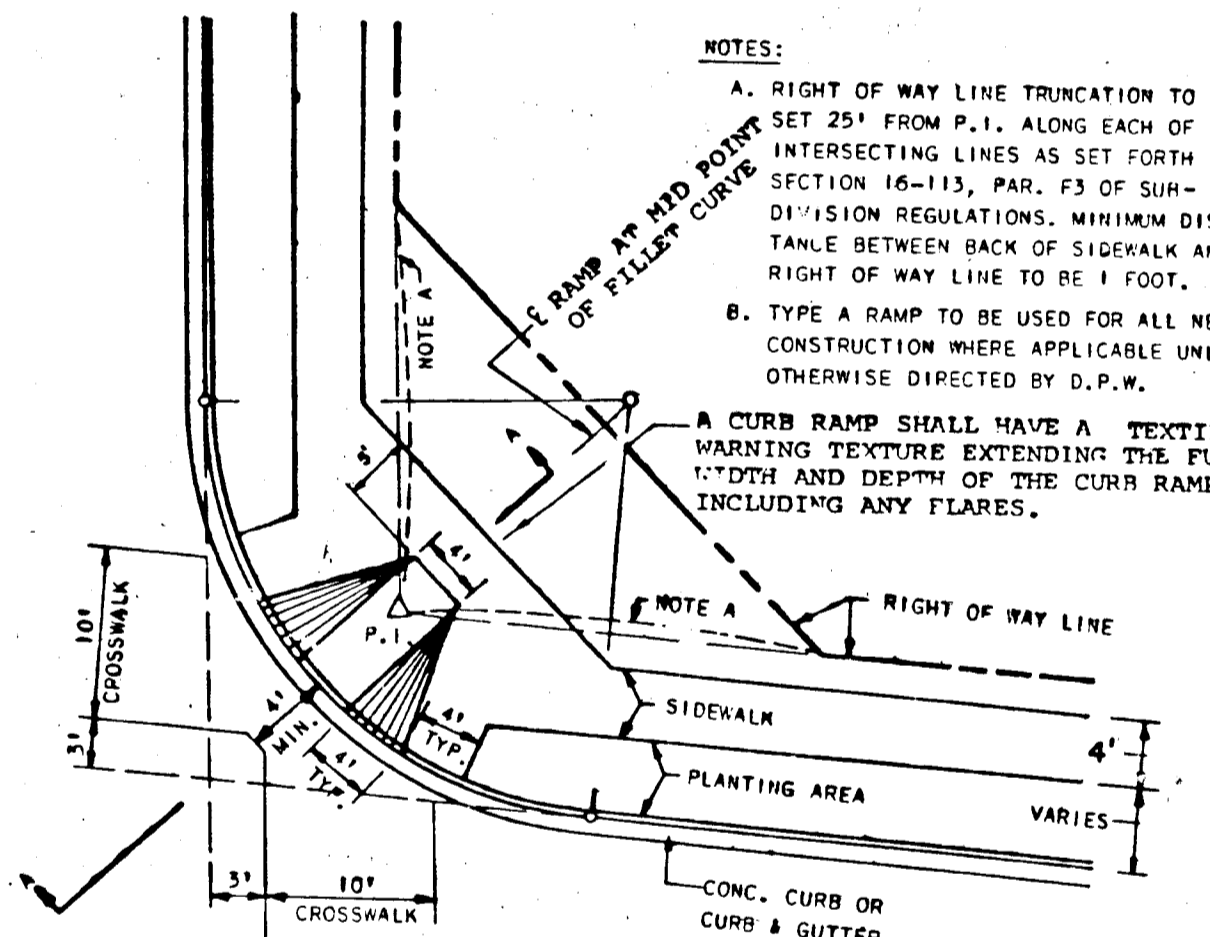


- NOTES:
1. STANDARD CONC. CURB & GUTTER SHALL BE USED ON DOWN GRADE CUL-DE-SAC.
  2. THE MAXIMUM GRADE OF THE CIRCULAR AREA IN ANY DIRECTION SHALL NOT EXCEED 6%.
  3. A PROFILE SHALL BE PROVIDED ALONG THE TOP OF CURB FROM POINT X TO POINT Y.
  4. THIS CUL-DE-SAC TO BE USED IN RESIDENTIAL AREAS ONLY.
  5. L.P. = LINEAR PROFILE OF CURB

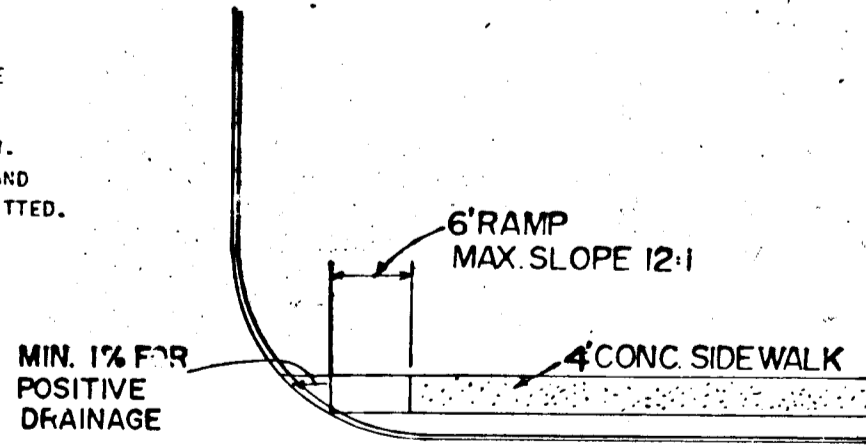
28' APPROACH	
A	B
13.83'	19.36'
71.23'	11.00'
6.19'	11.00'

CURVE DATA	
CURVE NO.	
1	2
28' APPROACH L.P. = 382.36'	
Δ	39°59'32"
R	124.48'
L	86.89'
T	45.30'
L.C.	85.14'

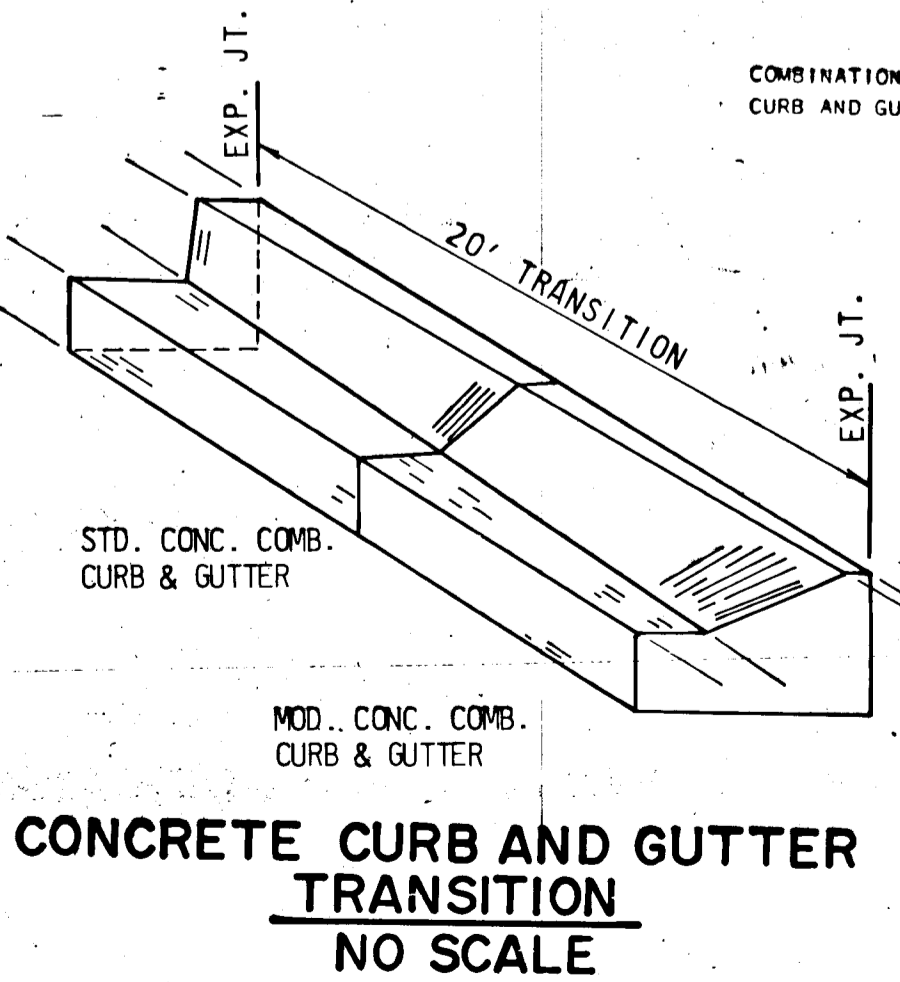
OFFSET CUL DE SAC FOR 28 FT. PAVEMENT WIDTH  
NO SCALE



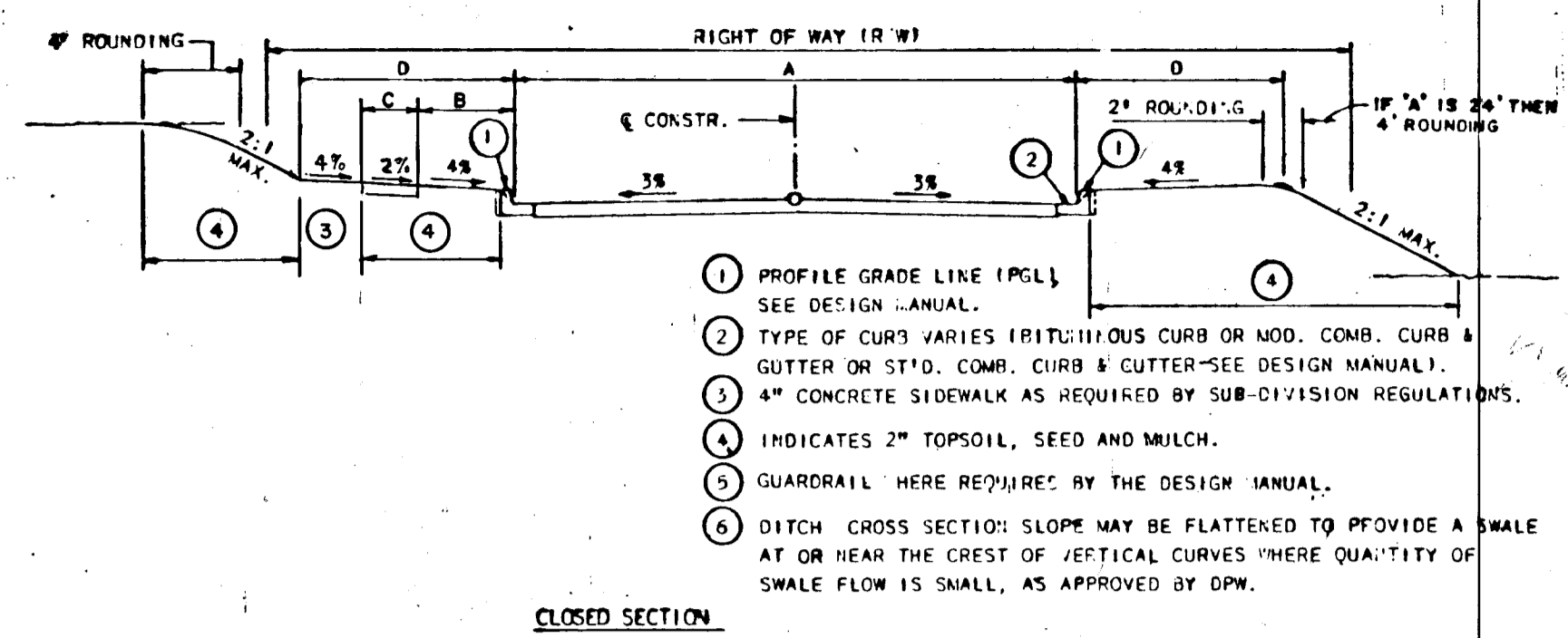
SIDEWALK RAMP  
NO SCALE



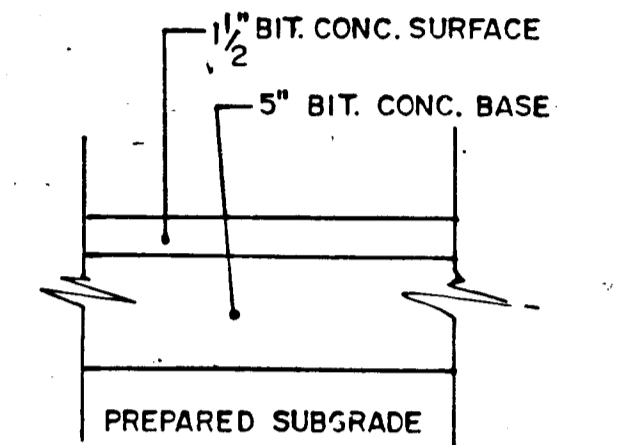
SINGLE SIDEWALK RAMP  
DETAIL 'A'  
NO SCALE



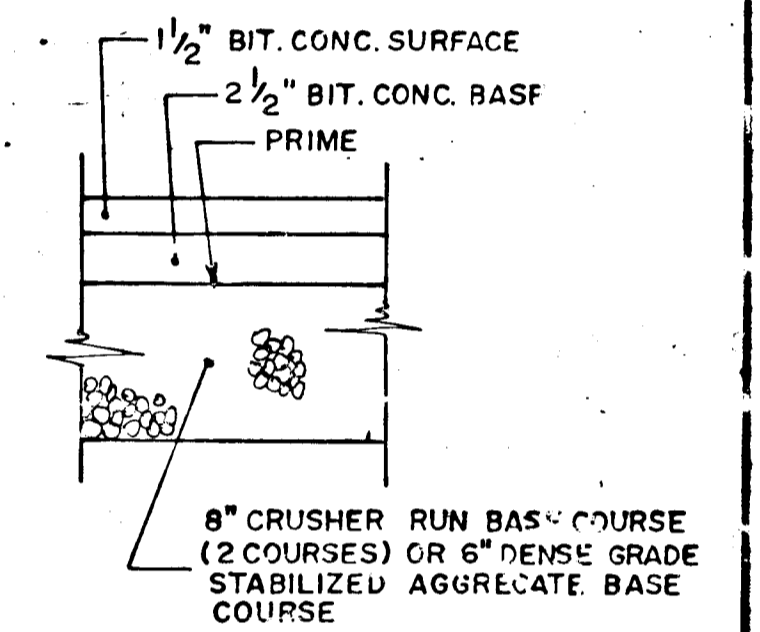
CONCRETE CURB AND GUTTER TRANSITION  
NO SCALE



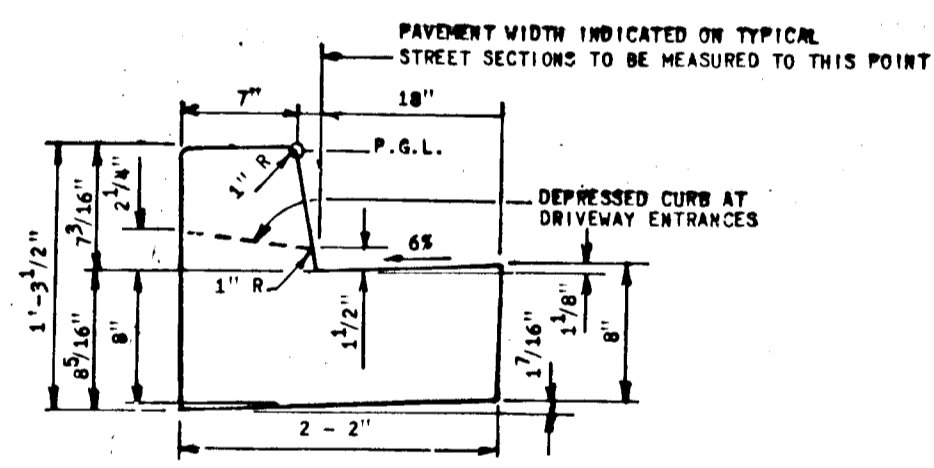
ROAD NAME & STATION	A	B	C	D	R	W	PAVING SECTION	DESIGN SPEED
NEWBERRY DRIVE LOCAL ROAD STA. 17+10 TO 23+35.51	30'	5'	4'	9'	50'		P-2	30 MPH
NEWBERRY DRIVE CUL DE SAC STA. 23+35.51 TO 25+09.92	28'	6'	4'	10'	50'		P-2	25 MPH
RAVEN LANE CUL DE SAC STA. 0+00.00 TO 1+54.11	28'	6'	4'	10'	50'		P-2	25 MPH
PARCHMENT RISE CUL DE SAC STA. 0+00.00 TO 2+05.00	28'	6'	4'	10'	50'		P-2	25 MPH



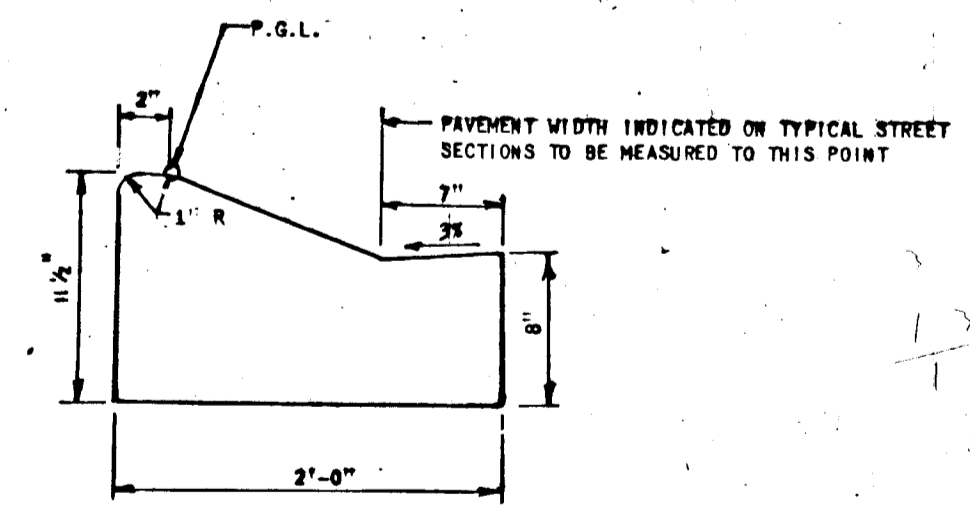
FULL DEPTH BIT. CONC. ALTERNATE



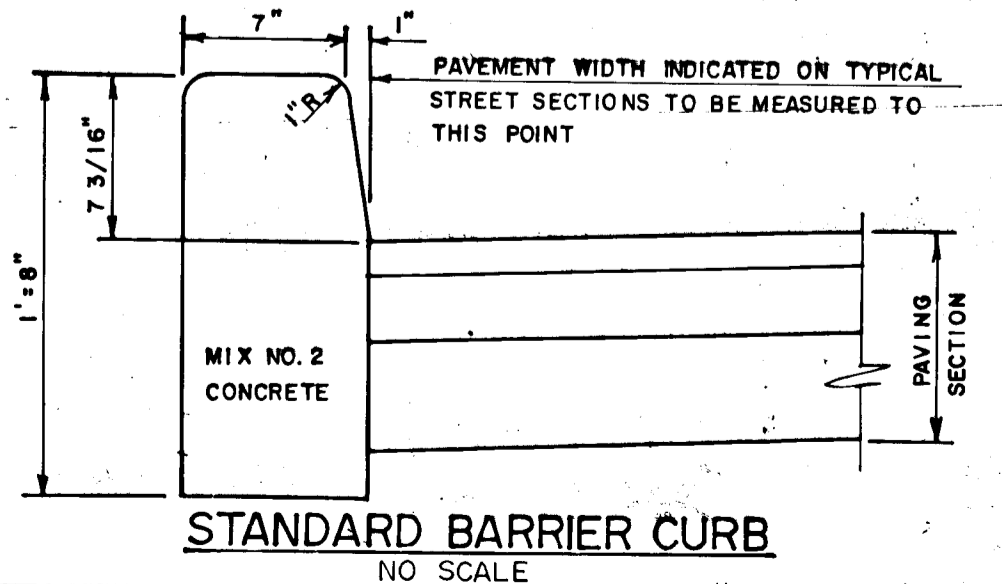
GRANULAR BASE ALTERNATE



STANDARD 7" COMBINATION CURB AND GUTTER  
NO SCALE



MODIFIED COMBINATION CURB AND GUTTER  
NO SCALE



STANDARD BARRIER CURB  
NO SCALE

APPROVED: DEPARTMENT OF PUBLIC WORKS

CHIEF-BUREAU OF ENGINEERING  
*David W. Wickham* 12-2-88 DATE

CHIEF-BUREAU OF HIGHWAYS  
*David W. Wickham* 12/1/88 DATE

CHIEF-LAND DEVELOPMENT DIVISION  
*David W. Wickham* 11/23/88 DATE

APPROVED: OFFICE OF PLANNING AND ZONING

CHIEF-DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
*David W. Wickham* 12-2-88 DATE

Date	No	Revision Description
		AS-BUILT
		DATE: JULY 1991

THE HOWARD RESEARCH AND DEVELOPMENT LAND COMPANY

THE HOUSE BUILDING  
10275 LITTLE PATUXENT PARKWAY  
COLLETTA, MARYLAND 21044

CENTURY ENGINEERING, INC.  
CONSULTING ENGINEERS & PLANNERS  
32 WEST ROAD  
TOWSON, MARYLAND 21204

AREA  
1/4" L.L. OF HICKORY RIDGE  
SECTION 6 AREA 2  
TAX MAP 41 PARCEL 45  
5th ELECTION DISTRICT OF HO. CO., MD.

TITLE  
DETAIL SHEET

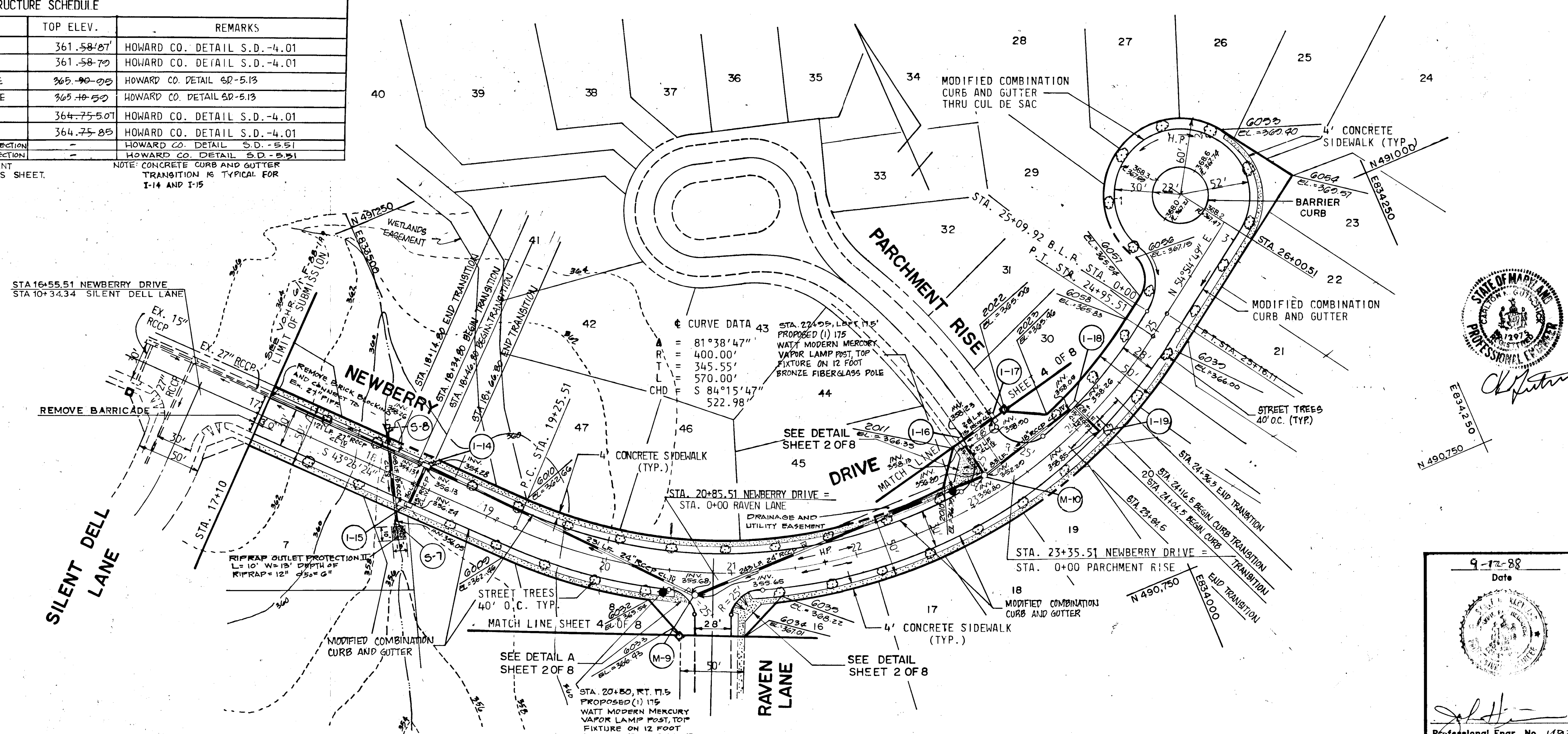
Des By	GBZ	Scale	AS SHOWN	Proj No	87-7034
Drn By	RF	Date	09-12-88	Drawing No.	2 OF 8
Chk By	JRH	Approved			

Professional Engr. No. 14920

STRUCTURE SCHEDULE					
NO.	STATION	OFFSET	TYPE	TOP ELEV.	REMARKS
I-14	18+41.30	15' LT.	A-5	361.58'07	HOWARD CO. DETAIL S.D.-4.01
I-15	18+41.30	15' RT.	A-5	361.58'70	HOWARD CO. DETAIL S.D.-4.01
M-9	20+70	17' RT.	STD MANHOLE	365.90'00	HOWARD CO. DETAIL SD-5.13
M-10	22+20	17' LT.	STD MANHOLE	365.40'50	HOWARD CO. DETAIL SD-5.13
I-18	24+70.15	14' LT.	A-5	364.75'50	HOWARD CO. DETAIL S.D.-4.01
I-19	24+70.15	14' RT.	A-5	364.75'85	HOWARD CO. DETAIL S.D.-4.01
S-7	18+35.365	23 RT.	STD END SECTION	-	HOWARD CO. DETAIL S.D.-5.51
S-8	18+02.136	23 LT.	STD END SECTION	-	HOWARD CO. DETAIL S.D.-5.51

NOTE: 4' x 4' x 30" CONCRETE MONUMENT FOR LOCATION SEE PLAN THIS SHEET.

NOTE: CONCRETE CURB AND GUTTER TRANSITION IS TYPICAL FOR I-14 AND I-15



APPROVED: DEPARTMENT OF PUBLIC WORKS

DATE	12-2-88
DATE	12/1/88
DATE	11/29/88

APPROVED: OFFICE OF PLANNING AND ZONING

DATE	12-2-88
------	---------

Date	No	Revision Description
		AS-BUILT

DATE: JULY 1971  
NOTE: GUTSCHKICK LITTLE & NEBER IS RESPONSIBLE FOR AS-BUILT INFORMATION ONLY.

THE HOWARD RESEARCH AND DEVELOPMENT LAND COMPANY  
THE ROUSE BUILDING  
10275 LITTLE PATUXENT PARKWAY  
COLUMBIA, MARYLAND 21044

CENTURY ENGINEERING, INC.  
CONSULTING ENGINEERS - PLANNERS  
TOWSON, MARYLAND 21284

AREA VILLAGE OF HICKORY RIDGE  
SECTION 6 AREA 2  
TAX MAP 41 PARCEL 45  
5th ELECTION DIST. OF HOWARD COUNTY, MD.

TITLE PLAN AND PROFILE NEWBERRY DRIVE

Des By	GBZ	Scale	AS SHOWN	Proj No	87-7034
Drn By	EJ	Date	09-12-88		
Chk By	JRH	Approved			

Professional Engineer's Seal and Signature

9-12-88  
Date

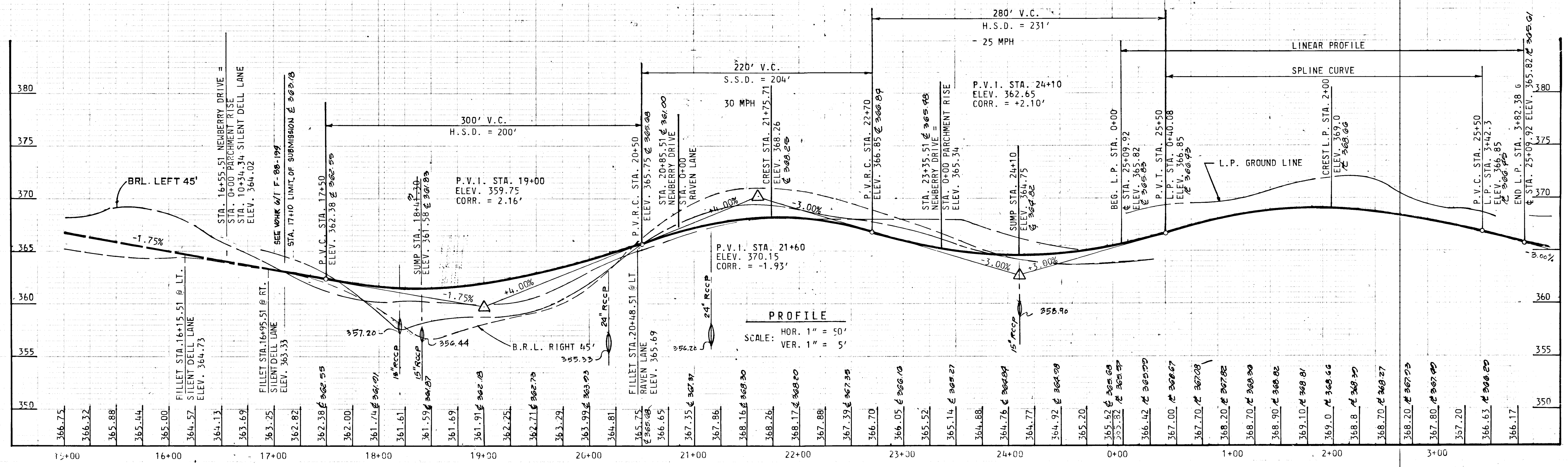
Professional Engr. No. 1428

DATE	BY

PLAN  
REVISED  
PLOT  
ALIGNED  
CHECKED  
NO. OF WAT. CHECKED

DATE	BY

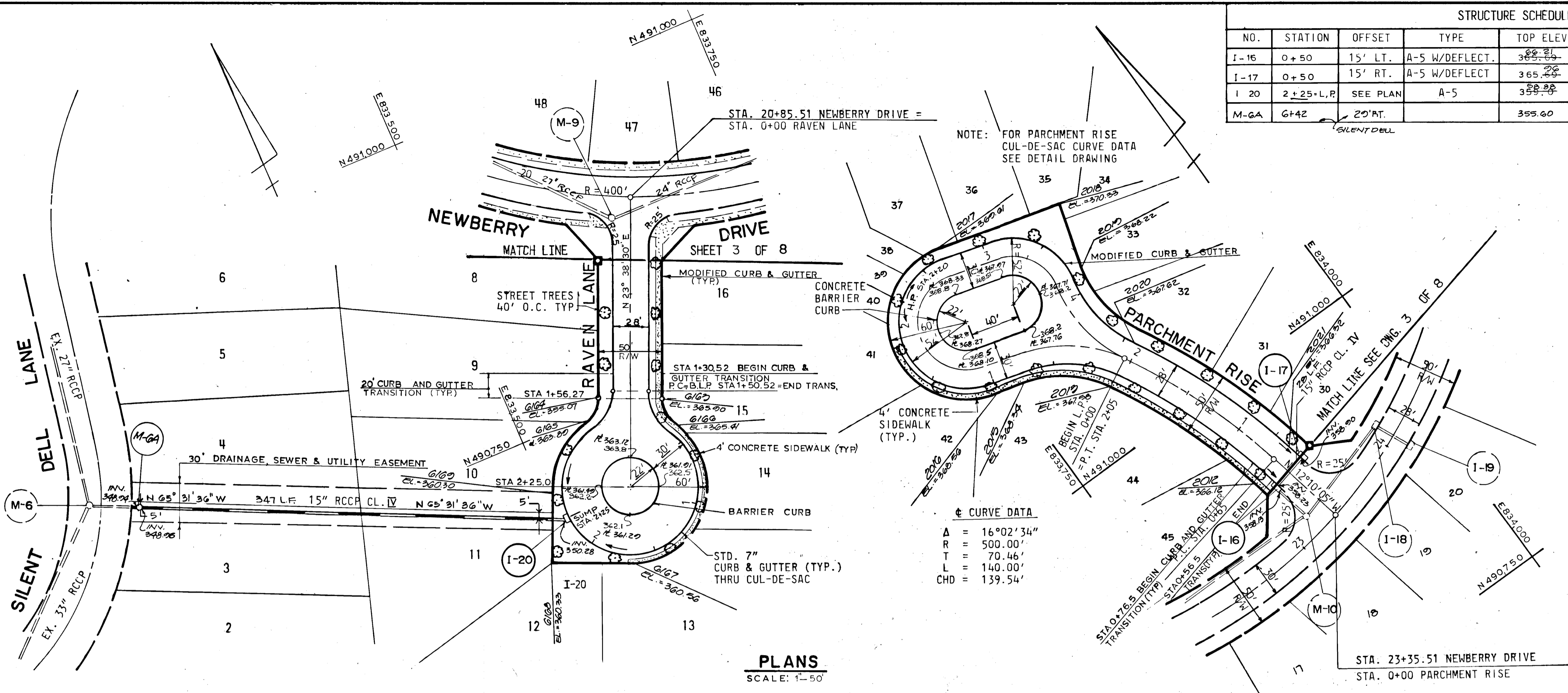
PROFILE  
REVISED  
PLOT  
GATES CHECKED  
STRUCTURE NOTATIONS CHECKED



Drawing No. 3 CF 8

PLAN	DATE
SUBMITTED	
NOTES	
NO.	

PROFILE	DATE
SUBMITTED	
NOTES	
NO.	



STRUCTURE SCHEDULE					
NO.	STATION	OFFSET	TYPE	TOP ELEV.	REMARKS
I-16	0+50	15' LT.	A-5 W/DEFLECT.	365.75	HOWARD CO. DETAIL SD-4.01, 4.83
I-17	0+50	15' RT.	A-5 W/DEFLECT.	365.75	HOWARD CO. DETAIL SD-4.01, 4.83
I-20	2+25+L.P.	SEE PLAN	A-5	355.60	HOWARD CO. DETAIL SD-4.01
M-GA	G+42	20' AT.		355.60	

APPROVED: DEPARTMENT OF PUBLIC WORKS  
 DATE: 12-2-88  
 DATE: 12/1/88  
 DATE: 11/29/88

APPROVED: OFFICE OF PLANNING AND ZONING  
 DATE: 12-2-88

AS-BUILT  
 DATE: JULY 1991  
 NOTE: GUTSCHICK, LITTLE & WOOD IS RESPONSIBLE FOR AS-BUILT INFORMATION ONLY.

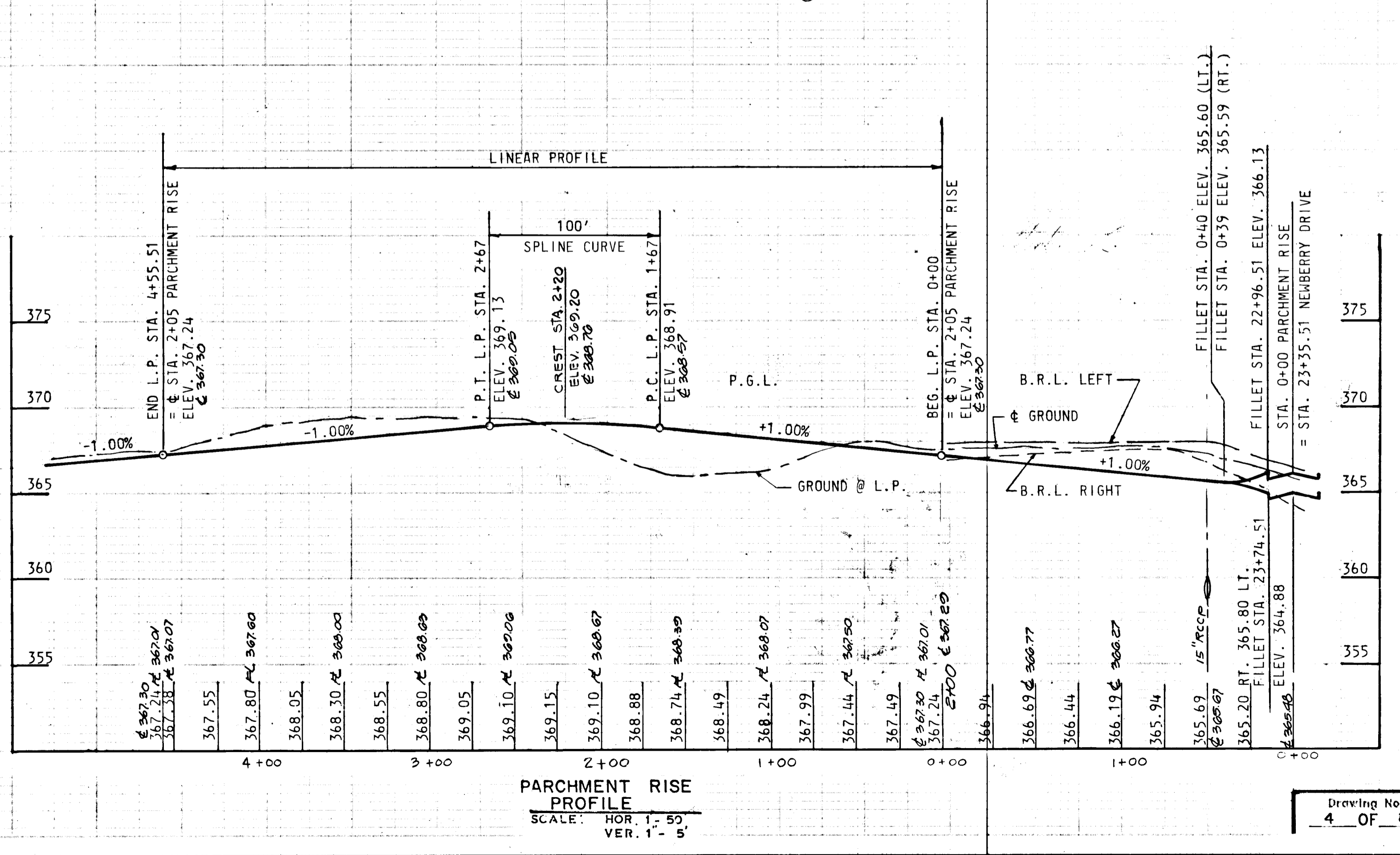
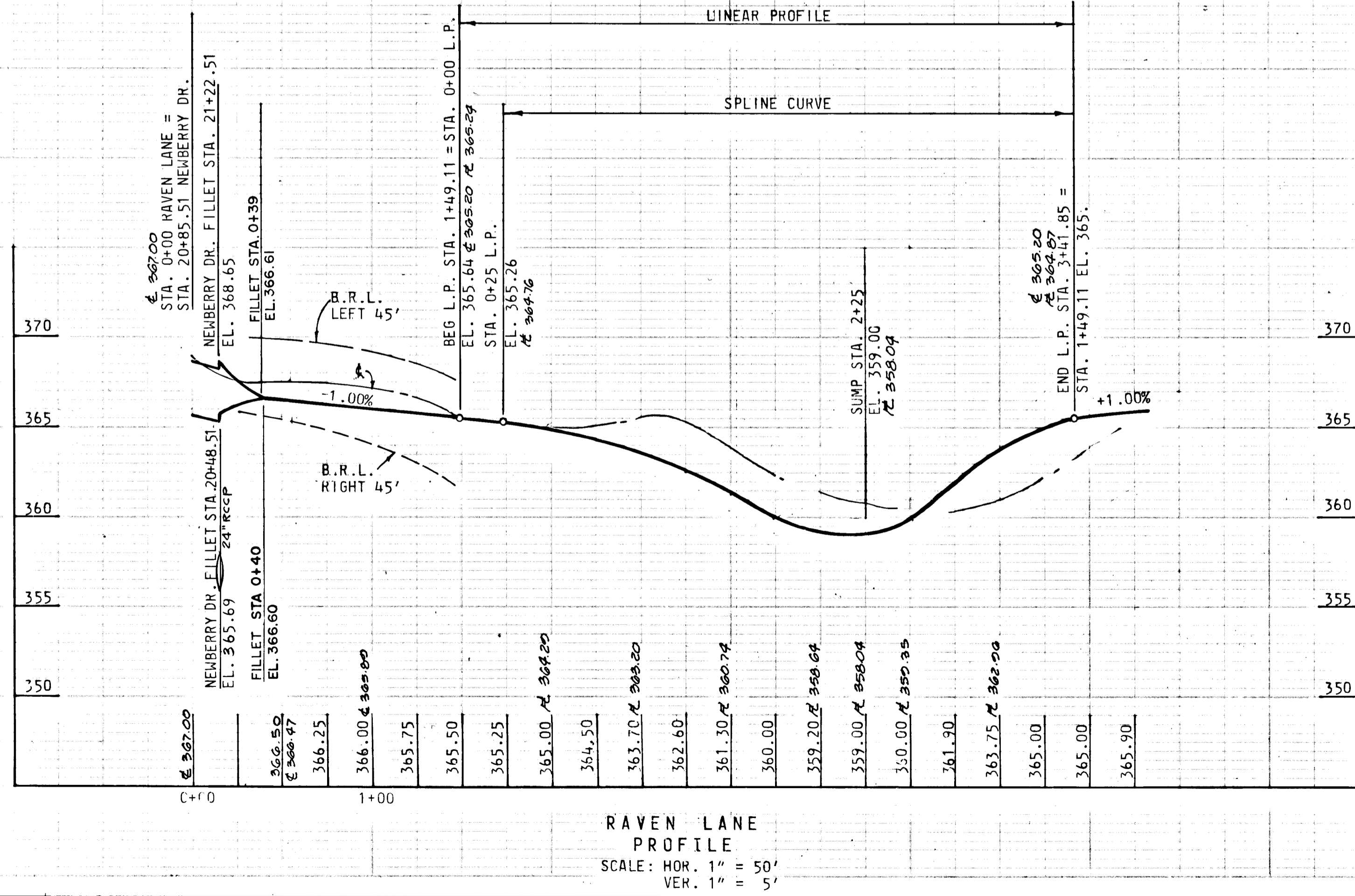
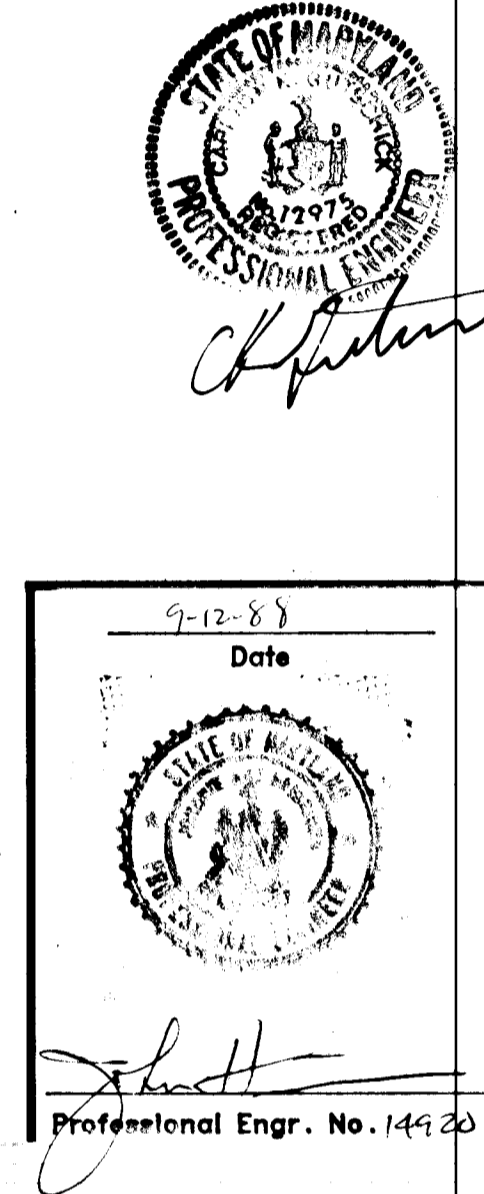
THE HOWARD RESEARCH AND DEVELOPMENT LAND COMPANY  
 THE ROUSE BUILDING  
 10275 LITTLE PATUXENT PARKWAY  
 COLUMBIA, MARYLAND 21044

CENTURY ENGINEERING, INC.  
 CONSULTING ENGINEERS - PLANNERS  
 TOWSON, MARYLAND 21287

AREA: VILLAGE OF HICKORY RIDGE  
 SECTION 6  
 TAX MAP 41  
 5th ELECTION DIST. OF HOWARD COUNTY, MD

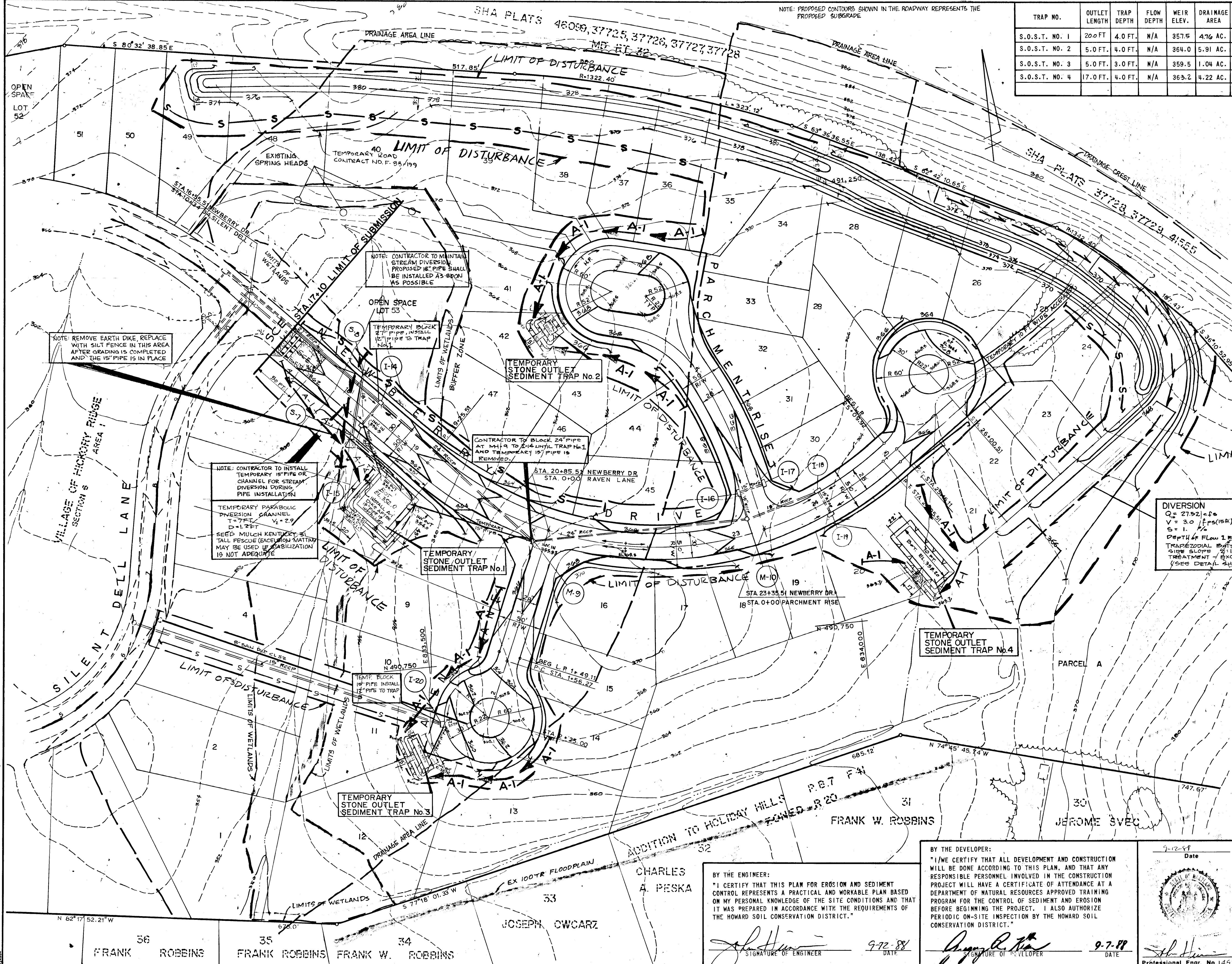
TITLE: PLAN AND PROFILE

Des By: G.B.Z. Scale: AS SHOWN Proj No: 87-7034  
 Dwn By: R.F. Date: 09-12-88  
 Chk By: J.R.H. Approved



NOTE: PROPOSED CONTOURS SHOWN IN THE ROADWAY REPRESENTS THE PROPOSED SUBGRADE

TRAP NO.	OUTLET LENGTH	TRAP DEPTH	FLOW DEPTH	WEIR ELEV.	DRAINAGE AREA	DISTURBED AREA	BOTTOM DIMENSION	VOLUME REQ'D	PROV.	BOTTOM ELEVATION	CLEANOUT ELEVATION	EMBANKMENT ELEVATION
S.O.S.T. NO. 1	20.0 FT.	4.0 FT.	N/A	357.5	4.76 AC.	1.61 AC.	45'x45'	8500 C.F.	8892 C.F.	352.0	354.0	357.5
S.O.S.T. NO. 2	5.0 FT.	4.0 FT.	N/A	364.0	5.91 AC.	0.46 AC.	15'x10'	328 C.F.	892 C.F.	359.0	361.0	364.5
S.O.S.T. NO. 3	5.0 FT.	3.0 FT.	N/A	359.5	1.04 AC.	0.69 AC.	40'x12'	1872 C.F.	1962 C.F.	355.5	357.0	360.0
S.O.S.T. NO. 4	17.0 FT.	4.0 FT.	N/A	363.2	4.22 AC.	1.07 AC.	22'x70'	7595 C.F.	7760 C.F.	358.20	360.20	363.7



REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.

*John M. Hahn* 11-21-88  
U.S. SOIL CONSERVATION SERVICE DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS

*William E. Ryan* 12-2-88  
CHIEF-BUREAU OF ENGINEERING DATE

*William E. Ryan* 12/1/88  
CHIEF-BUREAU OF HIGHWAYS DATE

*Donald J. Brown* 11/23/88  
CHIEF-LAND DEVELOPMENT DIVISION DATE

APPROVED: OFFICE OF PLANNING AND ZONING

*Wesley S. D'Amico* 12-21-88  
CHIEF-DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

**DIVERSION**  
 $Q = 2752 \text{ cfs}$   
 $V = 30 \text{ fps (15 ft)} \times 10 \text{ ft} \times (55 \text{ ft})$   
 $S = 1.0$   
 DEPTH OF FLOW 1.0 FT.  
 TRAPEZOIDAL BOTTOM WIDTH VARIES  
 SIDE SLOPE 2:1  
 TREATMENT - EXCUSIOR MATTING  
 (SEE DETAIL SHEET)

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

*Stephen L. Hahn* 11-21-88  
HOWARD S.C.D. DATE

Date	No	Revision Description
4-12-89	1	REGULATE DEBRIS/SWALE ALONG SHA R/W

AS-BUILT

DATE: JULY 1991

THE HOWARD RESEARCH AND DEVELOPMENT LAND COMPANY  
 THE ROUSE BUILDING  
 10275 LITTLE PATUXENT PARKWAY  
 COLUMBIA, MARYLAND 21044

**CENTURY ENGINEERING, INC.**  
 (301) 823-8070  
 CONSULTING ENGINEERS • PLANNERS  
 32 WEST ROAD  
 TOWSON, MARYLAND 21204

AREA VILLAGE OF HICKORY RIDGE  
 SECTION 6 AREA 2  
 TAX MAP 41 PARCEL 45  
 5th ELECTION DIST. OF HOWARD COUNTY, MD.

TITLE GRADING AND SEDIMENT CONTROL PLAN  
 VILLAGE OF HICKORY RIDGE

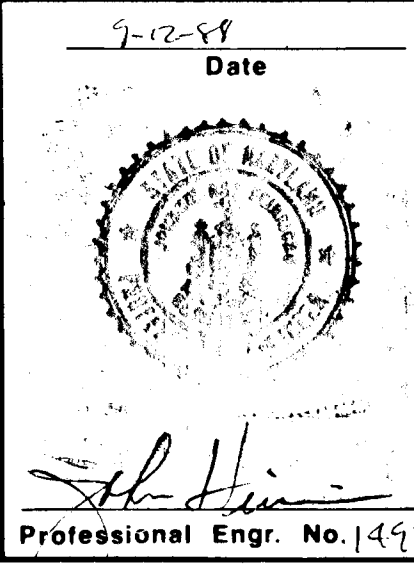
Des By G.Z.	Scale 1"=50'	Proj No 87-7034
Drn By R.F.	Date 09-12-88	Drawing No.
Chk By J.H.	Approved	5 OF 8

BY THE DEVELOPER:  
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

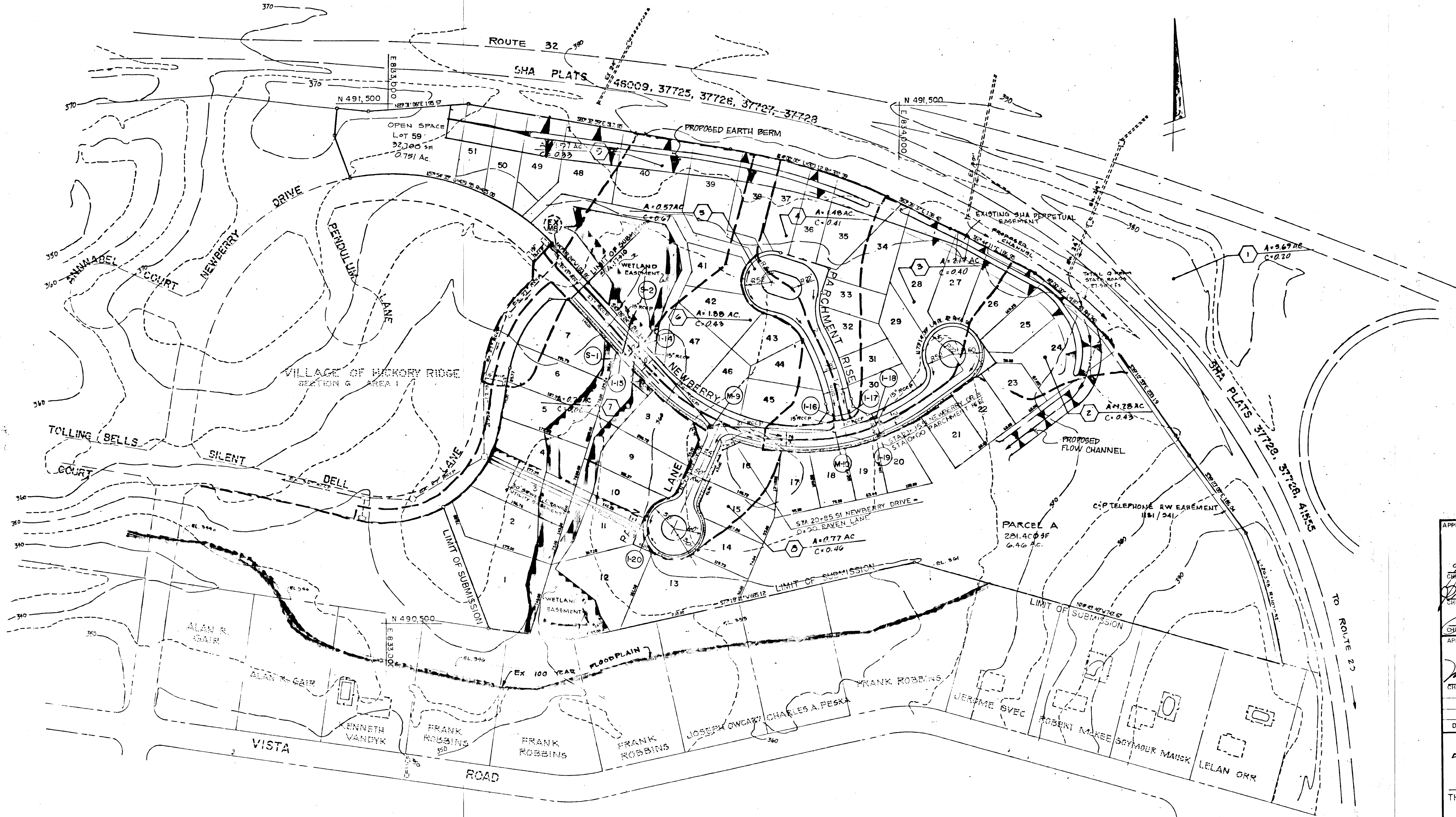
*Joseph C. Hahn* 9-7-88  
SIGNATURE OF DEVELOPER DATE

BY THE ENGINEER:  
 "I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

*Joseph C. Hahn* 9-7-88  
SIGNATURE OF ENGINEER DATE



36 FRANK ROBBINS  
 35 FRANK ROBBINS  
 34 FRANK W. ROBBINS  
 JOSEPH OWCARZ  
 CHARLES A. PESKA  
 ADDITION TO HOLIDAY HILLS  
 FRANK W. ROBBINS  
 JEROME SVEC



APPROVED: DEPARTMENT OF PUBLIC WORKS  
 9-12-88 DATE  
 CHIEF - BUREAU OF ENGINEERING  
 12-2-88 DATE  
 12/1/88 DATE  
 CHIEF - BUREAU OF HIGHWAYS  
 11/29/88 DATE  
 CHIEF - LAND DEVELOPMENT DIVISION  
 APPROVED: OFFICE OF PLANNING AND ZONING

12-2-88 DATE  
 CHIEF - DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

Date	No	Revision Description
		AS-BUILT

DATE: JULY 1991

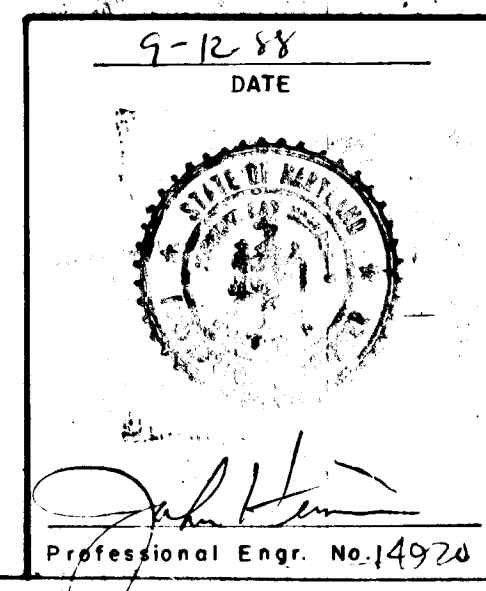
THE HOWARD RESEARCH AND DEVELOPMENT LAND COMPANY  
 THE ROUSE BUILDING  
 10275 LITTLE PATUXENT PARKWAY  
 COLUMBIA, MARYLAND 21044

CENTURY ENGINEERING INC.  
 CONSULTING ENGINEERS & PLANNERS  
 32 WEST ROAD  
 TOWSON, MARYLAND 21204

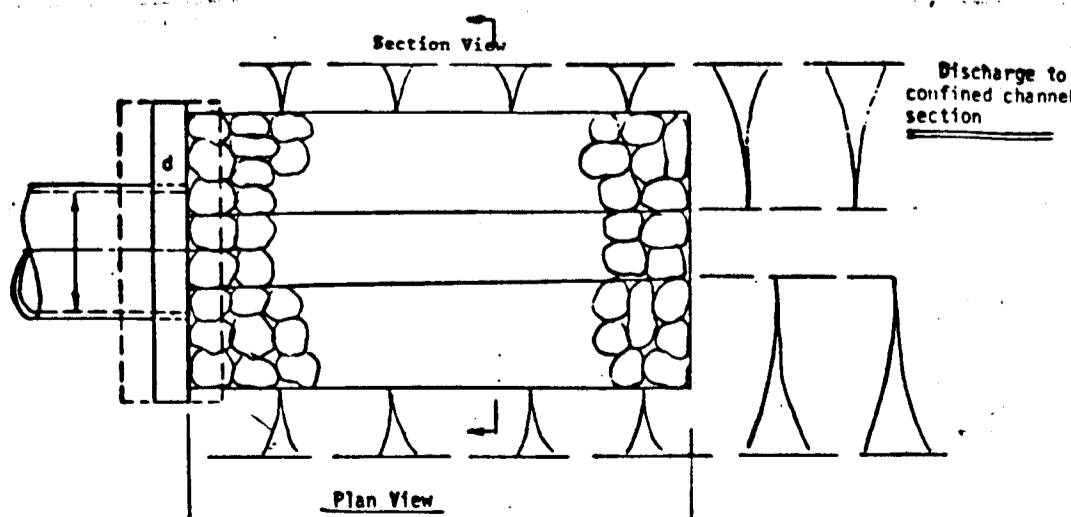
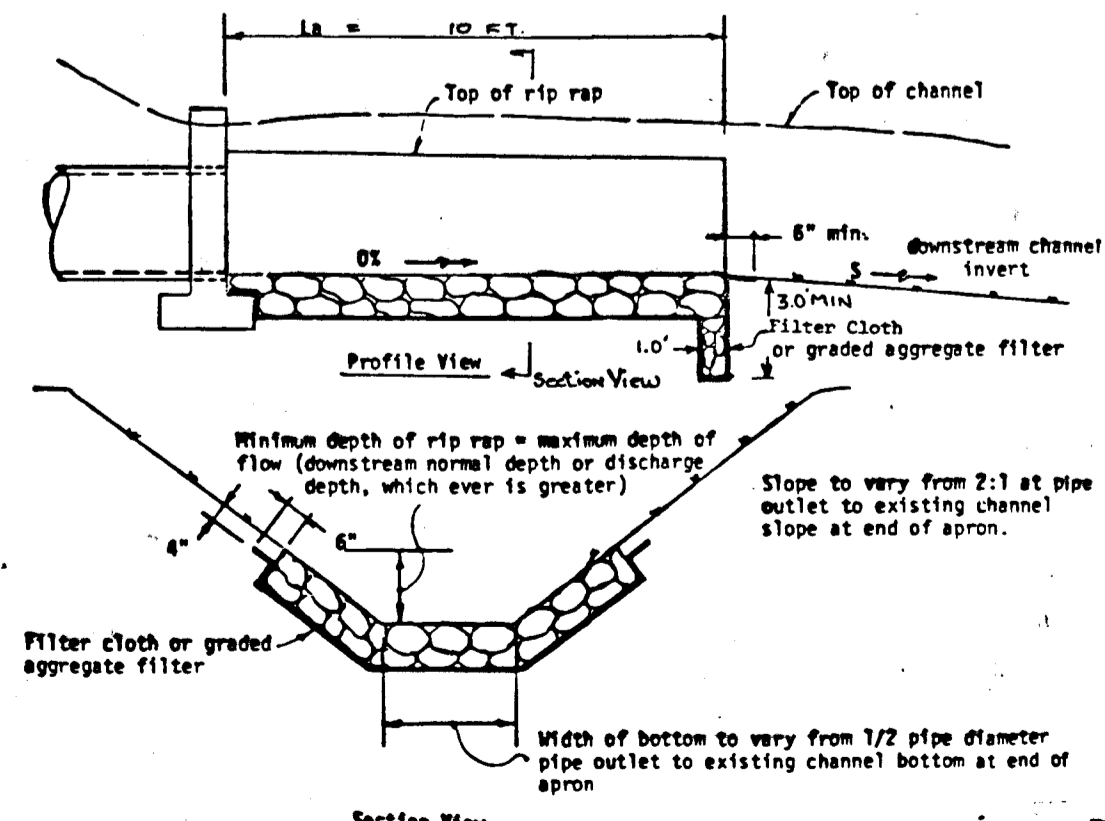
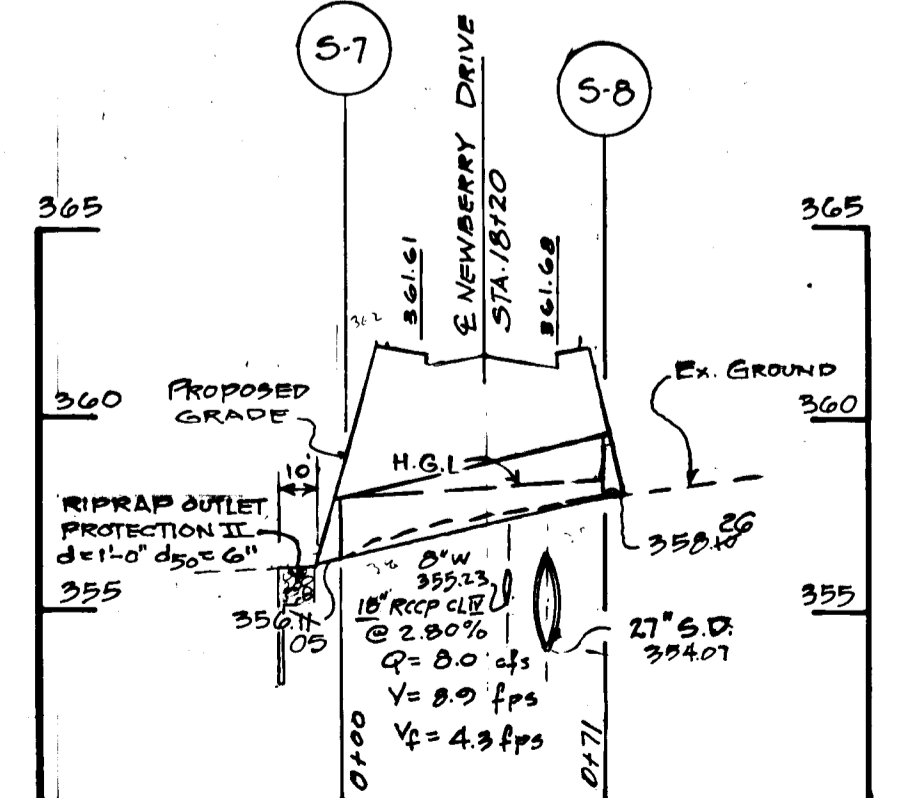
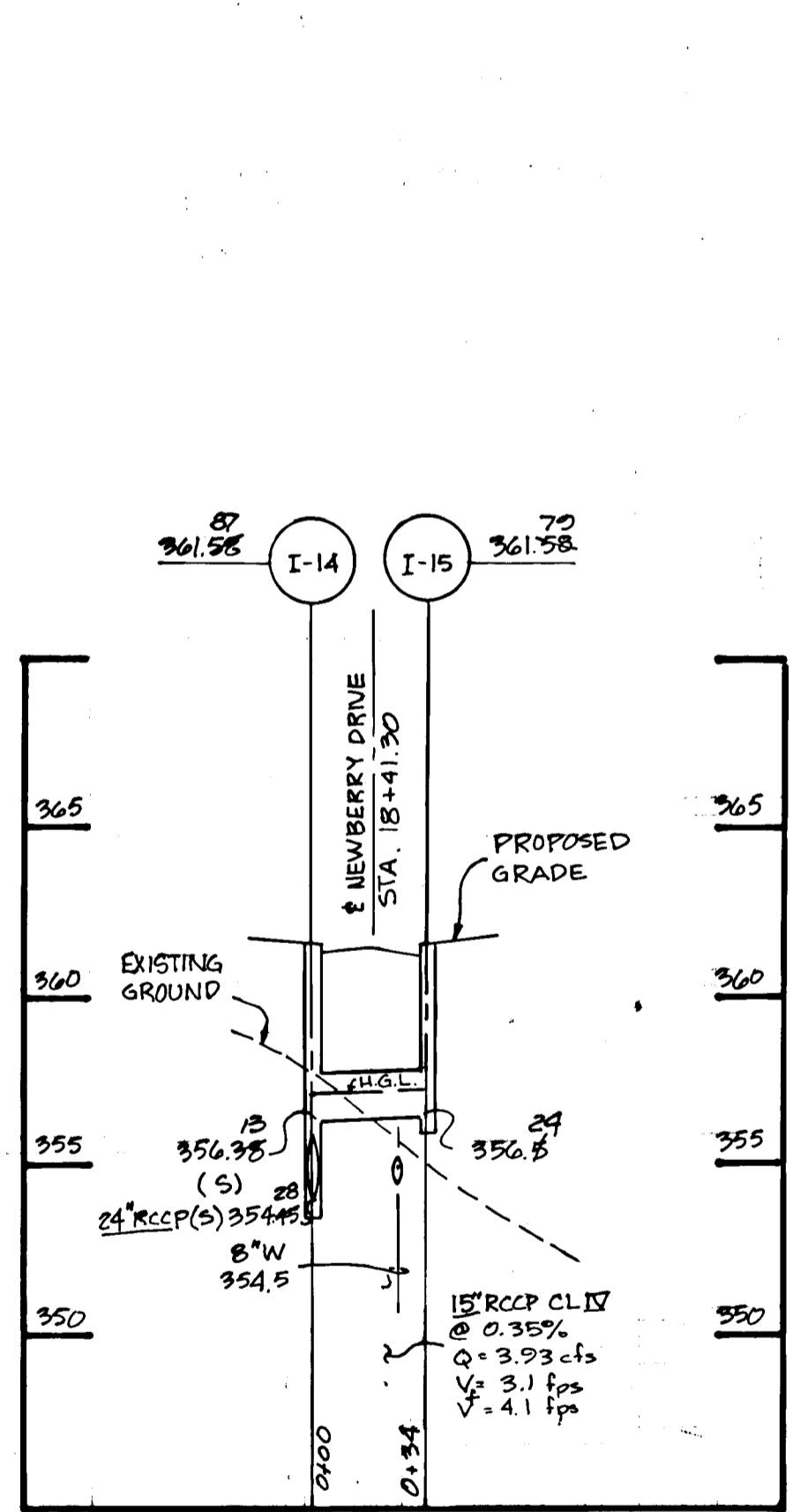
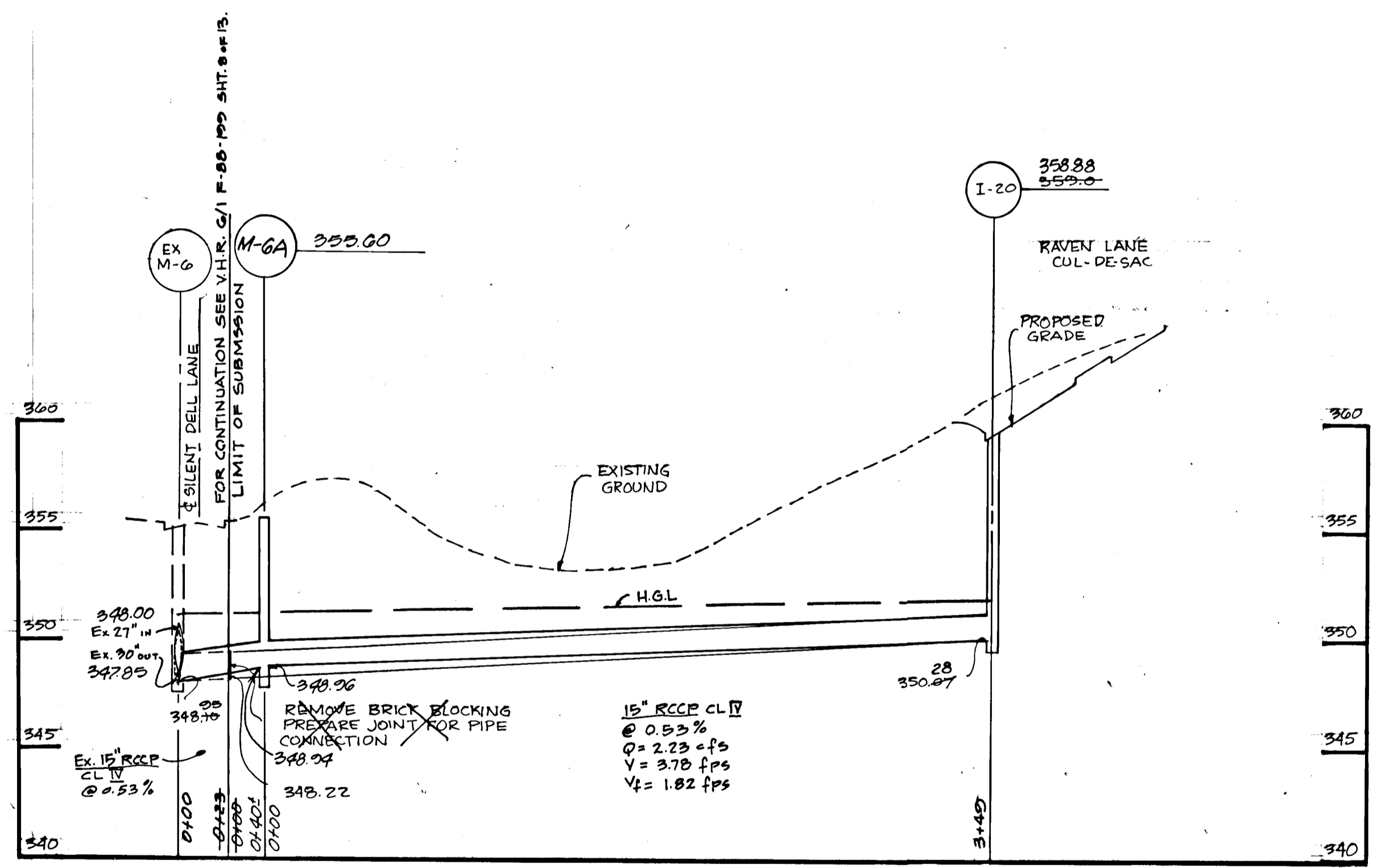
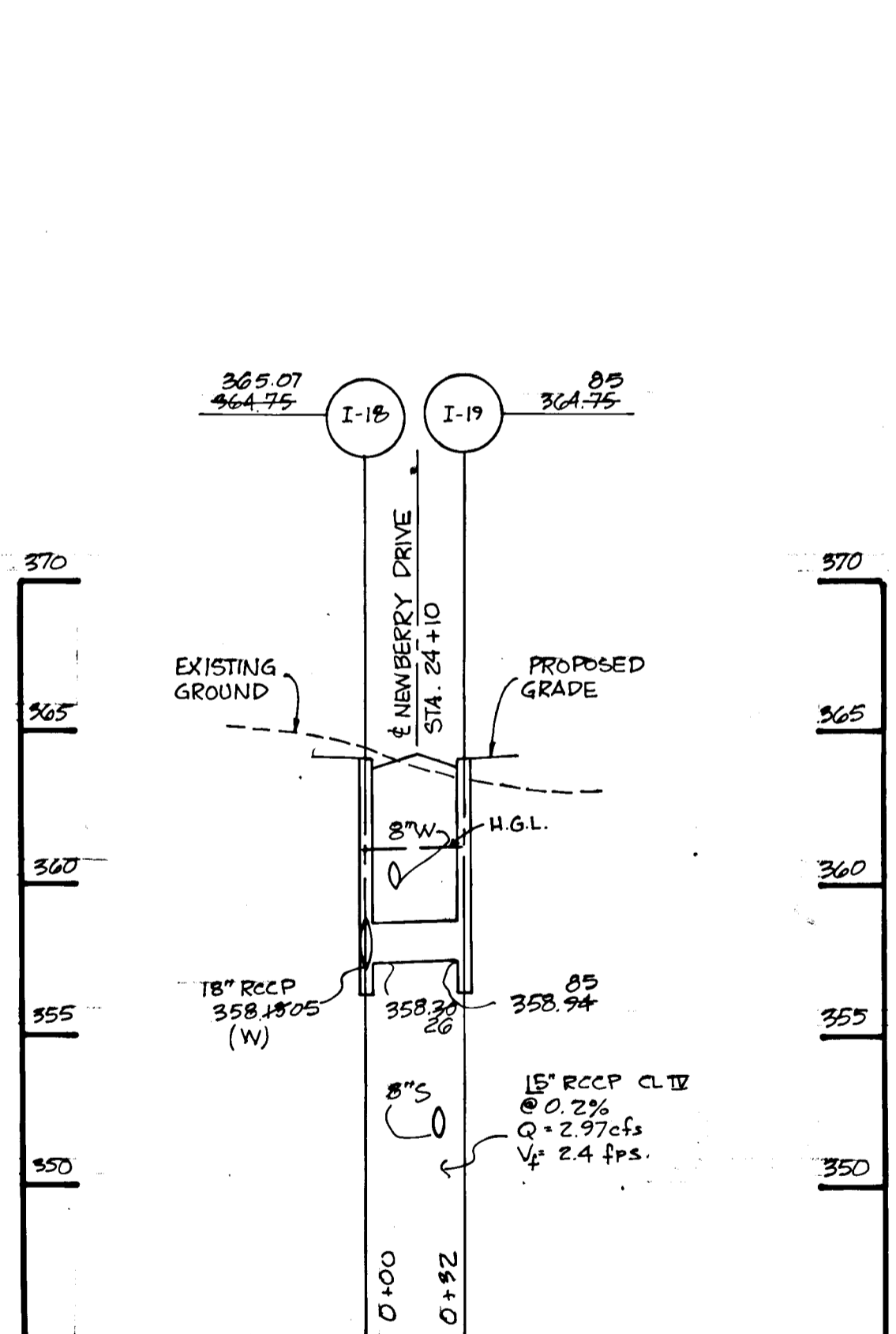
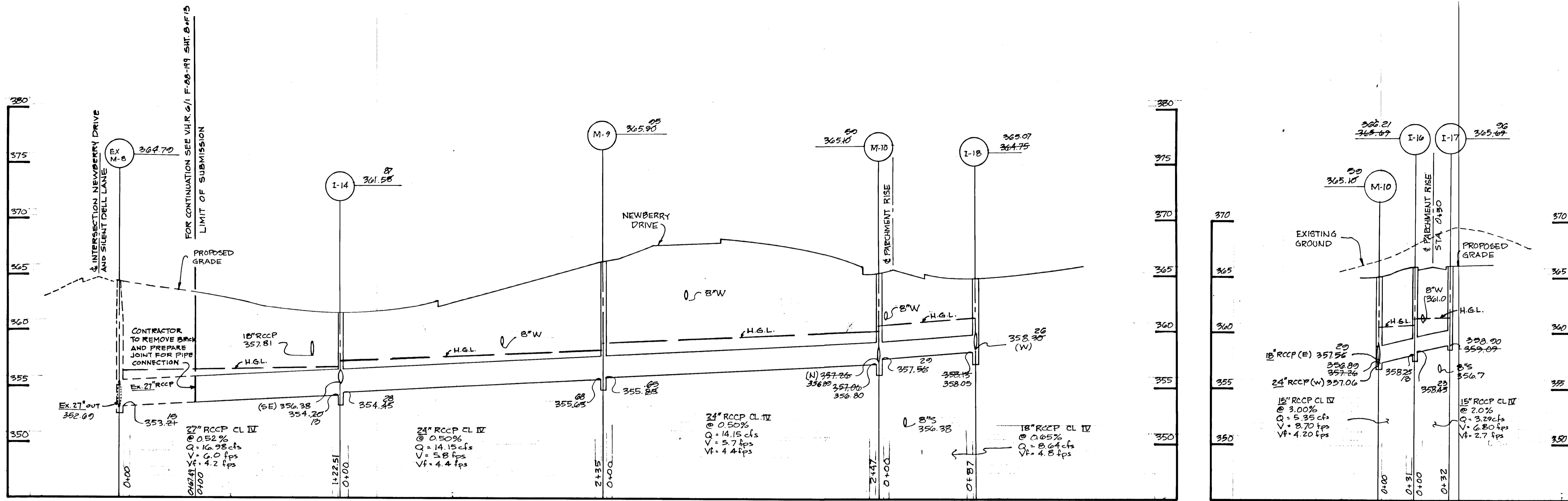
ARE: VILLAGE OF HICKORY RIDGE  
 SECTION 6  
 TAX MAP 41  
 PARCEL 45  
 5th ELECTION DISTRICT OF HO. CO., MD.

TITLE: DRAINAGE AREA MAP  
 VILLAGE OF HICKORY RIDGE

Des: By GBZ Scale 1" = 100' Proj No 87-70-1  
 Dir: By ETJ Date 09-12-88 Drawing No. 6 OF 8  
 Chk: By JRH Approved



AS-BUILT



Professional Engr. No. 14220

APPROVED: DEPARTMENT OF PUBLIC WORKS							
<i>William E. Eddy</i>	12-2-88						
CHIEF-BUREAU OF ENGINEERING	DATE						
<i>Donald W. Wickland</i>	12/1/88						
CHIEF-BUREAU OF HIGHWAYS	DATE						
<i>Donald W. Wickland</i>	11/29/88						
CHIEF-LAND DEVELOPMENT DIVISION	DATE						
APPROVED: OFFICE OF PLANNING AND ZONING							
<i>Mark J. Coughlin</i>	12-2-88						
CHIEF-DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT	DATE						
<table border="1"> <thead> <tr> <th>Date</th> <th>No</th> <th>Revision Description</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>AS-BUILT</td> </tr> </tbody> </table>		Date	No	Revision Description			AS-BUILT
Date	No	Revision Description					
		AS-BUILT					
DATE: JULY 1991 NOTE: GUTCHICK, LITTLE & WEBER IS RESPONSIBLE FOR AS-BUILT INFORMATION ONLY.							
THE HOWARD RESEARCH AND DEVELOPMENT LAND COMPANY THE ROUSE BUILDING 10275 LITTLE PATUXENT PARKWAY COLUMBIA, MARYLAND 21044							
<b>CENTURY ENGINEERING, INC.</b> CONSULTING ENGINEERS • PLANNERS 32 WEST ROAD TOWSON, MARYLAND 21204							
AREA VILLAGE OF HICKORY RIDGE SECTION 6 AREA 2 TAX MAP 41 PARCEL 45 5th ELECTION DIST. OF HOWARD COUNTY, MD.							
TITLE <b>STORM DRAIN PROFILES</b>							
Des By DDS/GBZ	Scale: 1" = 50'						
Drn By ETJ	Date: 09-12-88						
Proj No 87-70-34	Drawing No. 7 OF 8						
Chk By JRH	Approved						

